

PROJECT DESCRIPTION & CONSTRUCTION SEQUENCE

Keller, Michele & Neil – Dock Repair

5-5-2025

A. Project Location

The proposed project is located on Lake Washington in the City of Mercer Island. Site address is 4111 Boulevard Pl, Mercer Island, WA 98040. The property is situated within NW Section 13, Township 24, Range 04, at Lat: 47.572000, Long: -122.238380. Parcel # 3623500420.

Owner - Michele and Neil Keller
4111 Boulevard Pl
Mercer Island, WA 98040

Agent for Owner- Christy Dopp
Waterfront Construction, Inc.
205 NE Northlake Way, Suite 230
Seattle, WA 98105

B. Project Description

The applicant has just been issued a shoreline exemption SHL22-029 and Bldg permit 2308-193 to repair dock bearing pile, grated decking and replacement translucent moorage cover .

The applicant is know applying for a shoreline exemption pursuant to WAC 173-27-040(2)(b) and SEPA exemption WAC 197-11-800 (3) to permit the replacement of the existing boat-lift with a new one of the comparable make and model. No changes to dock size or configuration.

The project drawings are the same drawings as applied with before with the notation of the boat lift changed from "Existing boat lift to be retained" to "Existing boat lift to be replaced"

C. Construction Technique & Sequencing

1. PRE-CONSTRUCTION

New replacement boat lift delivered to WCI Seattle yard where it will be transported to site by barge. If required by the City of Mercer Island, a pre-construction site meeting will be scheduled with staff and Waterfront Construction's construction crew.

2. SITE PREPARATION

There is no site preparation required prior to construction crew accessing site.

3. OFF-SITE PRE-FABRICATION

All materials required for installation will be loaded onto the construction vessel in the contractor's Seattle yard and transported to the project site.

4. ON SITE CONSTRUCTION

- Load barge with all materials and equipment necessary to perform the work as described. Mobilize barge to site.
- Remove and dispose of existing boat lift
- Install replacement open bottom boat lift onto existing cribbing platform

Please see attached plans for reference.

5. MITIGATION

Mitigation is has already been addressed by the issued State HPA- 2023-4-301+01 and USACE issued NWS-2022-426. These issued agency permits have been allowed to be modified to included the replacement boat lift and no NEW mitigation is being imposed.

6. EQUIPMENT USED

Onsite construction will be conducted using a diver, construction crew, and hand tools. The crane barge will be used for storage of all materials. All construction equipment and materials used in this project will be stationed on the construction vessel.

7. MATERIALS USED

Material used will be new open bottom boat lift, stainless steel screws/hardware. No materials treated with pentachlorophenol, creosote, CCA or comparably toxic compounds are proposed for this project.

8. WORK CORRIDOR

The vessel will operate offshore and avoids bottom and shoreline disturbances that could occur with ground-based equipment. The sewer line has be marked on the dock and will be identified to avoid.

9. STAGING AREA AND EQUIPMENT WASH OUTS

All staging area activities will occur on the pier and construction vessel, with no need for equipment washouts.

10. STOCKPILING AREAS

The construction vessel will hold all construction materials during the project.

11. RUNNING OF EQUIPMENT DURING CONSTRUCTION

Equipment will be running off and on throughout the on-site construction phase. All equipment will be kept in good running order and will only be running when required.

12. CLEAN-UP AND RE-VEGETATION

Clean-up will occur using Best Management Practices.

13. PROJECT TIMING

All proposed construction will take place in approved work windows during daylight hours to facilitate construction. In-water work windows to be determined by USACE and WDFW.

14. DURATION OF CONSTRUCTION

Onsite project work will take a maximum of 1 day.